IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Peter Chambers, Joseph James Judkins III
Assignee:	Micrel Inc.
Title:	Numerical Value Conversion Using a Saturation Limited Arithmetic logic Unit Supporting Variable Resolution

Serial No.:	10/759,988	Confirmation No.:	8327
Examiner:	Chuong D. Ngo	Group Art Unit:	2193
Docket No.:	MIC-M097	Filing Date:	January 15, 2004

San Jose, California
May 9, 2007

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE TO OFFICE ACTION

Dear Sir:

In response to the Office Action mailed February 26, 2007, Applicant submits the following amendments and remarks.

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 3 of this paper.

Remarks begin on page 8 of this paper.

A terminal disclaimer in compliance with 37 CFR 1.321(c) accompanies this submission.